

Title (en)

Polymeric substrates stabilized with N-substituted hindered amines.

Title (de)

Mit N-substituierten sterisch gehinderten Aminen stabilisierte Polymersubstrate.

Title (fr)

Substrats polymères stabilisés par des amines avec empêchement stériques N-substituées.

Publication

EP 0365481 A1 19900425 (DE)

Application

EP 89810773 A 19891010

Priority

- US 25994688 A 19881019
- US 25995588 A 19881019

Abstract (en)

Hindered amines based on various 2,2,6,6-tetralkylated nitrogen-containing heterocyclic moieties wherein the hindered nitrogen atom on the ring is substituted with OR1 substituents and the 4-position of the ring is substituted with OR2 substituents are effective in protecting a variety of polymeric substrates against the adverse effects of light, heat and oxygen.

IPC 1-7

C08K 5/343; **C08K 5/3435**

IPC 8 full level

C08K 5/3435 (2006.01); **C08L 23/00** (2006.01); **C08L 27/04** (2006.01)

CPC (source: EP)

C08K 5/3435 (2013.01)

Citation (search report)

[X] JOURNAL OF POLYMER SCIENCE: POLYMER CHEMISTRY EDITION, vol. 22, January 1984, John Wiley & Sons, Inc.; "T. KURUMADA et al.: "The effect of N-substituents of hindered amine on photo-oxidation of polypropylene", page 277-281

Cited by

US5378745A; US5286865A; EP1132085A4; BE1007753A3; CN105646935A; US7582690B2; US6713492B1; FR2733244A1; NL1002835C2; ES2114487A1; BE1010549A4; US5574162A; US5442071A; US5359069A

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